



QY 3205 tctgttgactatgagctggttaccatgaattttccgaagagcccaagttcaagtc 3264  
|||||  
Db 181 TCTGTGGAAATTTGAGGCTGCTTCCACATGATTTTCCGAAGGCCAAGTTCAAGTCC 240  
QY 3265 ctgacggtgtgacagcactttgagtgaa 3295  
|||||  
Db 241 CTGACGGTGTGCTCAGCACCCTTGAGCTGGCA 271

RESULT 9  
BE835624 378 bp mRNA linear EST 22-SEP-2000  
LOCUS BE835624  
DEFINITION RC6-FN0028-300600-011-C09 FN0028 Homo sapiens cDNA, mRNA sequence.  
ACCESSION BE835624  
VERSION BE835624.1 GI:10268002  
KEYWORDS EST.  
SOURCE human.  
ORGANISM Homo sapiens

REFERENCE  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
1 (bases 1 to 378)  
Dias Neto,E., Garcia Correa,R., Verjovski-Almeida,S., Briones,M.R.,  
Nagal,M.A., da Silva,W. Jr., Zago,M.A., Bordin,S., Costa,F.F.,  
Goldman,G.H., Carvalho,A.F., Matsukuma,A., Bala,G.S., Simpson,D.H.,  
Brunstein,A., deOliveira,P.S., Bucher,P., Jongeneel,C.V., O'Hare  
M.J., Soares,F., Brentani,R.R., Reis,L.F., de Souza,S.J. and  
Simpson,A.J.

TITLE Shotgun sequencing of the human transcriptome with ORF expressed  
sequence tags  
JOURNAL Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)  
MEDLINE 20202663  
COMMENT Contact: Simpson A.J.G.  
Laboratory of Cancer Genetics  
Ludwig Institute for Cancer Research  
Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, Sao Paulo-SP,  
Brazil  
Tel: +55-11-2704922  
Fax: +55-11-2707001

Email: asimpson@ludwig.org.br  
This sequence was derived from the FAPESP/LICR Human Cancer Genome  
Project. This entry can be seen in the following URL  
(http://www.ludwig.org.br/scripts/gethtml2.pl?l=6t2-RC6-FN0028-300  
600-011-C09&t3=2000-06-30&t4=1)  
Seq primer: puc 18 forward  
High quality sequence start: 12  
High quality sequence stop: 378.  
Location/Qualifiers  
1. 378

/organism="Homo sapiens"  
/db\_xref="taxon:9606"  
/clone\_lib="FN0028"  
/dev\_stage="Adult"

/note="Organ: prostate; normal; Vector: puc18; Site:1: Smat  
; Site:2: Smat; A mini-library was made by cloning  
products derived from ORESTES PCR (U.S. Letters Patent  
Application No. 196/716 - Ludwig Institute for Cancer  
Research) profiles into the puc 18 vector. Reverse  
transcription of tissue mRNA and cDNA amplification were  
performed under low stringency conditions."

BASE COUNT  
ORIGIN

104 a 103 c 82 g 89 t

Query Match 4.3%; Score 167; DB 10; Length 378;  
Best Local Similarity 100.0%; Pred. No. 3.5e-68;  
Matches 167; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 931 gtcttgatcactactccgcgcgcagcagatcccaagctcttctctgagagaattaga 990  
|||||  
Db 198 GTCTTGATCCTACTCTCCGGCGGACAGCAAGTCCAGCTCTTCTCTGAGAAATTTGA 139  
|||||  
991 actattgcacatgacacagatgagcagatctcttctcaatgacagatgagcgtctg 1050  
|||||

Db 138 ACTATTGCCAGTATCCAGATGAGGATTTCTTTCATATGTCACAGATGAGGCTGCTG 79  
QY 1051 actgacattgtgactgacactagagatcgatcttcttgcccttgaag 1097  
|||||  
Db 78 ACTGACATTTGTGGATGACACTGACATGCGATTTTTCCTTGAGG 32

RESULT 10  
BE835623 388 bp mRNA linear EST 22-SEP-2000  
LOCUS BE835623  
DEFINITION RC6-FN0028-300600-011-C08 FN0028 Homo sapiens cDNA, mRNA sequence.  
ACCESSION BE835623  
VERSION BE835623.1 GI:10268001  
KEYWORDS EST.  
SOURCE human.  
ORGANISM Homo sapiens

REFERENCE  
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
1 (bases 1 to 388)  
Dias Neto,E., Garcia Correa,R., Verjovski-Almeida,S., Briones,M.R.,  
Nagal,M.A., da Silva,W. Jr., Zago,M.A., Bordin,S., Costa,F.F.,  
Goldman,G.H., Carvalho,A.F., Matsukuma,A., Bala,G.S., Simpson,D.H.,  
Brunstein,A., deOliveira,P.S., Bucher,P., Jongeneel,C.V., O'Hare  
M.J., Soares,F., Brentani,R.R., Reis,L.F., de Souza,S.J. and  
Simpson,A.J.

TITLE Shotgun sequencing of the human transcriptome with ORF expressed  
sequence tags  
JOURNAL Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)  
MEDLINE 20202663  
COMMENT Contact: Simpson A.J.G.  
Laboratory of Cancer Genetics  
Ludwig Institute for Cancer Research  
Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, Sao Paulo-SP,  
Brazil  
Tel: +55-11-2704922  
Fax: +55-11-2707001

Email: asimpson@ludwig.org.br  
This sequence was derived from the FAPESP/LICR Human Cancer Genome  
Project. This entry can be seen in the following URL  
(http://www.ludwig.org.br/scripts/gethtml2.pl?l=6t2-RC6-FN0028-300  
600-011-C08&t3=2000-06-30&t4=1)  
Seq primer: puc 18 forward  
High quality sequence start: 23  
High quality sequence stop: 388.  
Location/Qualifiers  
1. 388

/organism="Homo sapiens"  
/db\_xref="taxon:9606"  
/clone\_lib="FN0028"  
/dev\_stage="Adult"

/note="Organ: prostate; normal; Vector: puc18; Site:1: Smat  
; Site:2: Smat; A mini-library was made by cloning  
products derived from ORESTES PCR (U.S. Letters Patent  
Application No. 196/716 - Ludwig Institute for Cancer  
Research) profiles into the puc 18 vector. Reverse  
transcription of tissue mRNA and cDNA amplification were  
performed under low stringency conditions."

BASE COUNT  
ORIGIN

105 a 109 c 85 g 89 t

Query Match 4.3%; Score 167; DB 10; Length 388;  
Best Local Similarity 100.0%; Pred. No. 3.5e-68;  
Matches 167; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 931 gtcttgatcactactccgcgcgcagcagatcccaagctcttctctgagagaattaga 990  
|||||  
Db 208 GTCTTGATCCTACTCTCCGGCGGACAGCAAGTCCAGCTCTTCTCTGAGAAATTTGA 149  
|||||  
QY 991 actattgcacatgacacagatgagcagatcttctcaatgacagatgagcgtctg 1050  
|||||  
Db 148 ACTATTGCCAGTATCCAGATGAGGATTTCTTTCATATGTCACAGATGAGGCTGCTG 89  
|||||

BEST AVAILABLE COPY